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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	BERK-016CIP
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Complete If Known

Application Number	10/762,769
Filing Date	January 21, 2004
First Named Inventor	MELIS, ANASTASIOS
Group Art Unit	1652
Examiner Name	To Be Assigned

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
GR	AA	2001/0053543		Anastasios et al.	12/22/2000	
GR	AB	4,442,211		Greenbaum	04/10/1984	
GR	AC	4,532,210		Miura et al.	07/30/1985	
GR	AD	5,871,952		Ghirardi et al.	02/16/1999	
GR	AE	6,395,521		Miura	05/28/2002	

FOREIGN PATENT DOCUMENTS								
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OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
GR	AF	CHEN et al., "A Nuclear encoded chloroplast sulfate permease from <i>Chlamydomonas reinhardtii</i> : application in H ₂ production" Dept. of Plant and Microb, UC Berkeley (10/22/2002)(Abstract)				
GR	AG	GHIRARDI et al., "Microalgae: a green source of renewable H ₂ ," <i>Trends Biotechnol.</i> 12:506-511 (Dec. 2000)				
GR	AH	HAPPE et al., "Differential regulation of the Fe-hydrogenase during anaerobic adaptation in the green alga <i>Chlamydomonas reinhardtii</i> ," <i>Eur. J. Biochem.</i> 269:1022-1032 (2002)				
GR	AI	MELIS et al., "Properties of H ₂ -production in <i>Chlamydomonas reinhardtii</i> , Plant and Microbiology, University of California, (10/29/2002) (Abstract)				
GR	AJ	MELIS et al., "Hydrogen Production. Green Algae as a Source of Energy" <i>Plant Physiology</i> 127:740-748 (Nov. 2001)				

Examiner Signature	/Ganapathiram Raghu/	Date Considered	09/18/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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GR	AK	MELIS et al., "Sustained Photobiological Hydrogen Gas Production upon Reversible Inactivation of Oxygen Evolution in the Green Alga <i>Chlamydomonas reinhardtii</i> ," <i>Plant Physiology</i> , 122:127-135 (Jan. 2000)	
GR	AL	ZHANG et al., "Biochemical and morphological characterization of sulfur-deprived and H _x -producing <i>Chlamydomonas reinhardtii</i> (green alga)," Springer-Verlag (2001) (Abstract)	
GR	AM	GOODSELL, DAVID S., "Rubisco (Ribulose Bisphosphate Carboxylase/Oxygenase) Protein Data Bank, Molecule of the Month (10/23/2002)	

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Sheet 1 of 1

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OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

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GR		CHEN et al., "SulP, a nuclear gene encoding a putative chloroplast-targeted sulfate permease in <i>Chlamydomonas reinhardtii</i> " <i>Planta</i> 218:98-106 (2003)	
GR		CHEN et al., "Chlamydomonas reinhardtii chloroplast sulfate transport system permease (SulP) gene, complete cds; nuclear gene for chloroplast product." Database EMBL XP002368676, accession no. AF 467891 (February 6, 2002)	
GR		CHEN et al., "Chlamydomonas reinhardtii chloroplast sulfate transport system permease (SulP) gene, complete cds; nuclear gene for chloroplast product." Database EMBL XP002368677 accession no. AF481828 (March 13, 2002)	
GR		CHEN et al., "Chloroplast sulfate transport system permease" Database EMBL XP002368678 accession no. Q8RVC7 (June 1, 2002)	
GR		CHEN et al., "Role of SulP, a nuclear-encoded chloroplast sulfate permease, in sulfate transport and H ₂ evolution in <i>Chlamydomonas reinhardtii</i> " <i>Photosynthesis Research</i> , 84:289-296 (2005)	
GR		DAVIES et al., "Mutants of <i>Chlamydomonas</i> with Aberrant Responses to Sulfur Deprivation" <i>The Plant Cell</i> , 6:53-63 (January 1994)	
GR		TURMEL et al., "The complete chloroplast DNA sequence of the green alga <i>Nephroselmis olivacea</i> : Insights into the architecture of ancestral chloroplast genomes" <i>Proc. Natl. Acad. Sci. USA</i> 96:10248-10253 (August 1999)	
GR		YILDIZ et al., "Characterization of Sulfate Transport in <i>Chlamydomonas reinhardtii</i> during Sulfur-Limited and Sulfur-Sufficient Growth" <i>Plant Physiol.</i> 104:971-987 (1994)	

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